

In the Claims

1.-11. (Cancelled)

12. (Currently Amended) A multilayer tube comprising at least three layers including:

a layer (a) comprising (A) polyamide 11 and/or polyamide 12,

a layer (b) comprising (B) a polyamide (semi-aromatic polyamide) comprising a dicarboxylic acid unit containing a terephthalic acid and/or naphthalenedicarboxylic acid unit in a proportion of about 50 mol% or more based on all dicarboxylic acid units, and a diamine unit containing ~~an aliphatic diamine unit having a carbon number of 9 to 13 a 1,9-nonanediamine and/or 2-methy-1,8-octanediamine unit~~ in a proportion of about 60 mol% or more based on all diamine units, said layer (b) comprising no added free diamine, and

a layer (c) comprising (C) a fluorine-containing polymer having introduced into the molecular chain thereof a functional group having reactivity with a polyamide-based resin,

wherein said layer (b) comprising the semi-aromatic polyamide (B) is disposed between said layer (a) comprising (A) polyamide 11 and/or polyamide 12 and said layer (c) comprising (C) a fluorine-containing polymer.

13. (Previously Presented) The multilayer tube as claimed in claim 12, wherein said layer (a) comprising (A) polyamide 11 and/or polyamide 12 is disposed as an outermost layer.

14.-16. (Cancelled)

17. (Previously Presented) The multilayer tube as claimed in claim 12, wherein said (C) fluorine-containing polymer having introduced into the molecular chain thereof a functional group having reactivity with a polyamide-based resin is based on at least one fluorine-containing polymer selected from the group consisting of an ethylene/tetrafluoroethylene copolymer, a polyvinylidene fluoride, and a tetrafluoroethylene/hexafluoropropylene/vinylidene fluoride copolymer.

18. (Cancelled)

19. (Previously Presented) The multilayer tube as claimed in claim 12, wherein an electrically conducting layer comprising a fluorine-containing polymer composition having incorporated therein an electrically conducting filler is disposed as an innermost layer in the multilayer tube.

20. (Previously Presented) The multilayer tube as claimed in claim 12, wherein each of said layers is a coextrusion molded article.

21. (Previously Presented) The multilayer tube as claimed in claim 12, which is a fuel tube.

22. (Currently Amended) A multilayer tube comprising at least four layers including:

a layer (a) comprising (A) polyamide 11 and/or polyamide 12,

a layer (b) comprising (B) a polyamide (semi-aromatic polyamide) comprising a dicarboxylic acid unit containing a terephthalic acid and/or naphthalenedicarboxylic acid unit in a proportion of about 50 mol% or more based on all dicarboxylic acid units, and a diamine unit containing ~~an aliphatic diamine unit having a carbon number of 9 to 13~~ a 1,9-nonanediamine and/or 2-methy-1,8-octanediamine unit in a proportion of about 60 mol% or more based on all diamine units,

a layer (c) comprising (C) a fluorine-containing polymer having introduced into the molecular chain thereof a functional group having reactivity with a polyamide-based resin, and

a layer (d) comprising (D) a terminal modified polyamide satisfying $[A] > [B] + 5$, wherein $[A]$ is the terminal amino group concentration ($\mu\text{eq/g-polymer}$) of the polyamide and $[B]$ is the terminal carboxyl group concentration ($\mu\text{eq/g-polymer}$) of the polyamide said layer (d) comprising no added free diamine.

wherein said layer (b) comprising the semi-aromatic polyamide (B) is disposed between said layer (a) comprising (A) polyamide 11 and/or polyamide 12 and said layer (c) comprising the fluorine-containing polymer (C), and said layer (d) comprising the terminal modified polyamide (D) is disposed between said layer (b) comprising the semi-aromatic polyamide (B) and said layer (c) comprising the fluorine-containing polymer (C).

23. (Previously Presented) The multilayer tube as claimed in claim 22, wherein said layer (a) comprising (A) polyamide 11 and/or polyamide 12 is disposed as an outermost layer.

24.-26. (Cancelled)

27. (Previously Presented) The multilayer tube as claimed in claim 22, wherein said (C) fluorine-containing polymer having introduced into the molecular chain thereof a functional group having reactivity with a polyamide-based resin is based on at least one fluorine-containing polymer selected from the group consisting of an ethylene/tetrafluoroethylene copolymer, a polyvinylidene fluoride, and a tetrafluoroethylene/hexafluoropropylene/vinylidene fluoride copolymer.

28. (Previously Presented) The multilayer tube as claimed in claim 22, wherein said (D) terminal modified polyamide is a polyamide produced by adding a diamine at the polymerization.

29. (Previously Presented) The multilayer tube as claimed in claim 22, wherein an electrically conducting layer comprising a fluorine-containing polymer composition having incorporated therein an electrically conducting filler is disposed as an innermost layer in the multilayer tube.

30. (Previously Presented) The multilayer tube as claimed in claim 22, wherein each of said layers is a coextrusion molded article.

31. (Previously Presented) The multilayer tube as claimed in claim 22, which is a fuel tube.

32. (New) The multilayer tube according to claim 12, wherein said fluorine-containing polymer has at least one functional group selected from the group consisting of a carbonyl group, an acid anhydride group, a carbonate group and a carboxylic acid halide group, as said functional group having reactivity with the polyamide-based resin.

33. (New) The multilayer tube according to claim 12, wherein said fluorine-containing polymer has an acid anhydride group as said functional group having reactivity with a polyamide-based resin.

34. (New) The multilayer tube according to claim 22, wherein said fluorine-containing polymer has at least one functional group selected from the group consisting of a carbonyl group, an acid anhydride group, a carbonate group and a carboxylic acid halide group, as said functional group having reactivity with the polyamide-based resin.

35. (New) The multilayer tube according to claim 22, wherein said fluorine-containing polymer has an acid anhydride group as said functional group having reactivity with a polyamide-based resin.